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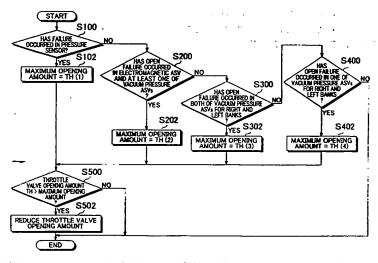
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(54) Title: CONTROL APPARATUS AND CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE PROVIDED WITH SECONDARY AIR SUPPLY



(57) Abstract: An ECU executes a program including a step (\$102) of limiting the maximum opening amount of a throttle valve to TII (1) when failure has occurred in a pressure sensor ("YES" in step \$100); a step (\$202) of limiting the maximum opening amount to TII (2) when open failure has occurred in at least one of two vacuum pressure ASVs provided for banks of a V-type engine, and an electromagnetic ASV ("YES" in step \$200); a step (\$302) of limiting the maximum opening amount to TH (3) when open failure has occurred in both of the vacuum pressure ASVs ("YES" in step S300); a step (S402) of limiting the maximum opening amount to TII (4) when open failure has occurred in one of the vacuum pressure ASVs ("YES" in step \$400); and a step (\$502) of reducing the throttle valve opening amount TH to the limited maximum opening amount.

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